Sketch

ART Sign

...MENT BO...

Dimensions			Contents	Reference to last Measurement
...ngth 4	Breadth 5	Depth 6	7	8
h.			All diagram in mts.	
...0 x 4.30m				
d Road			Rigid	
...4x 6.30m				
...ross				
...x6.10m				
...ay				
	74x6.50			
...cross				
70.3x 6.20				
...cross				
5.10x 6.0				
...+Cross				
>				
IE				
WJ				

Index

- BS Slab drain
- Asphalting Area

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

R|O. 29|6|13.

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 188328

Serial No. 1st and final Bill

Name of work. Improvements to Roads drains and Asphalting to Road in Vinayaka layout 2nd Cross ward no 7

Name of Contractor or nature of Agency.

Date of commencement of work. 1st stage in ward no 7. (Cross) (R)

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	EST Cost Rs 19.90 lakhs						
	P. Code no 1771	12-13.					
	Job Code no:						
	AS no: JC(y) AS|713|12-13					
	TS no: EE|BTP|TS|301|12-13.						
	Ag no: EE|BTP|Ag no|05|13-14						
	Agency: M.R. Girish.						
(1)	Removing B.S. Slab of drains and stacking						
	The quantity Recorded in this MB is vide P. No 188388						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty = 1646.19 Sqmt. Limited to Qty = 1432.20 @ Rs 45.36/Sq					Rs 64,965=00	
	2) Refixing of Stone slabs of drain and pointing in CM 1:3.						
	4th cross LHS	2	30.0	–	1.35	81.00 Sqm	
	Vinayagar Layout	2	44.10	–	1.35	119.07	
	5th cross RHS	2	35.0	–	1.35	94.50	
	LHS	2	50.0	–	1.35	135.00	
	6th cross LHS	2	33.4	–	1.35	90.18	
	RHS	2	54.0	–	1.35	145.80	
	2nd Main Road E-W	2	197.30	–	1.35	532.71	
	End cross	2	30.0	–	1.65	99.0	
	N-S.	2	65.60	–	1.65	210.48	
					Totally	1507.74	

crpc Dep 29/6/

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	Total Qty 1507.74	
	3) providing granite and fixed in CM 1:6 complete.	
	limited to 286	

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
d to			Rs 64,965=00	
5.36/Sq				
in and pointing in CM				
	1	1.35	81.00 Sqm	
	—	1.35	119.07	
	—	1.35	94.50	
	—	1.35	135.00	
	—	1.35	90.18	
	—	1.35	145.80	
	—	1.35	532.71	
	—	1.65	99.00	
	—	1.65	210.48	
	Totally		1507.74	

cancel
Dep
29/6

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 188329

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Total Qty 1507.74 Sqm Qty limited to 1432.20 Sqm 11ns.76					Rs 69,965=00 73627=00	
	@ Rs 45.36/Sqm 64.26						
	3) providing granite slab of selected quality Roughly and fixed in CM 1:6 including fixing curing etc complete.						
		2	— 30.0	—	1.35	81.00 Sqm	cancel
		2	— 40.10	—	1.35	119.07	Dep
		2	— 35.0	—	1.35	94.50	
					Totally	294.57 Sqm	
	limited to 286.44 Sqm	@ Rs		321.67 Sqm		Rs 92139=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	E.W. Excavation by Manual Means in O.Soil involving an Average horizontal through up to 2mt and an Average lift up to 0.50 Excavated Surface levelled and sides neatly dressed the disposed earth to be levelled as per Specification						
	Qty Recorded in this Office vide P.NO 188384						
	Qty = 764.29 cubic limited to 694.45 cut						
	@ Rs 59.49/ cum					Rs	41,310=00
5)	Compaction of original Ground with Maximum 6 pass of 8 to 10T Power Roller including filling the depression occuring during Rolling including Cost of all labour Hire & Machineries etc Complete						
	5th cross V. Layout Rly	1	74.10	6.50	-	481.65sqm	

Serial No.....

Name of work.....

Name of Contractor of nature of

Date of commencement of work

Date	Full description, etc, of w
1	2
	5th cross
	6th cross
	2nd Main E-W
	End
	1st Cross Chuppa
	2nd Cross Road

NT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ni 0.Soil involving			
up to 2nd and on			
d Lenyan levelled			
isposed earth to be			
p.no 188384			
694.40 cut			
Embt		Rs	41,310=00
with Lexigum &			
including filling			
Rolling including			
linaries etc complete			
6.50	–	481.65 Sft	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11

188330

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	5th cross	RHS	1 –	35.0	6.10	–	213.50 Sft	
		LHS	1 –	50.0	6.15	–	307.50	
	6th cross	LHS	1 –	33.40	7.30	–	243.82	
		RHS	1 –	54.0	6.30	–	340.20	
	2nd Main	E-W	1 –	197.30	$\frac{6.9+8.10}{2}$	–	1479.75	
		End	1 –	30.0	7.30	–	219.00	
	1st cross chuppli		1 –	65.60	6.0	–	393.60	
	2nd Cross Road		1 –	70.30	6.20	–	435.86	
						Total Qty	4114.88 Sft	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty limited to	3432.00 Sqm					
		@ Rs 3.86/Sqm				Rs	13248=00
6)	providing laying spreading and compacting graded stone aggregate to wet mix Macadam Specification including pre mixing the materials with one in Mechanical mix plant Carriage of mixed material by Tipper to site laying in uniform layer with paver in sub base Course on cutt - prepared Surface & Compacting etc Complete as per Specification						
	Qty Recorded in this MB vide P.No 188385						
	Qty = 758.89 cmts limited to 674.0 cmts						
	@ Rs 1080.00 Cmts					Rs	7,28,372-00
7)	providing and applying primer coat with						

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work..

Date	Full description, etc, of wor
1	2
	bituminous emulsion base including & Rate 0.6 kg/Sqm Ma Specification
	Qty is same as
	Qty - 4114.80
8)	providing and 100-120 TPH batch @ 75 Tons per hr

URE MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
·00 Sqm				
3.86/Sqm			Rs	13248=00
roading and compacting				
e to wet mix Macadam Specifi-				
mixing the materials with				
mount Carriage & mixed				
aying in uniform layer with				
on coat - prepared Surface &				
as per Specifications				
this MS wide P.NO 188385				
ted to 674.0 cmt				
			Rs	7,28,378-00
0 cmt				
aying primer coat with				

ARE sign

etc

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 188331

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	bituminous emulsion on prepared Surface of granular sub base including of Road Surface and spraying primer coat @ rate 0.6 kg/sqm using Mechanical means etc complete as per Specification						
	Qty is same as item no (5).						
	Qty - 4114.80 Sqm. Qty limited to 3472.00 Sqmt @ Rs 40.43/Sqm					Rs	138756=00
8)	providing and laying SDBC of 25 mm thick with 100-120 TPH batch type HOT producing an Avg output of 75 Tons per hrs using Crushed aggregate of						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Specified grading premixed with bituminous under at 4.5 to 5% mix and after transporting the hot mix to work site laying with hydraulic paver finishers with Levis vibrator etc complete as per Specifications.						
	4th cross RHS	1	30.0	$\frac{7.0+6.0}{2}$	0.025	4.42 cum	
	Vinayaka Layout	1	30.0	$\frac{6.0+6.8}{2}$	0.025	4.98	
		1	14.10	6.50	0.025	2.29	
	5th cross RHS	1	30.0	$\frac{6.0+6.10}{2}$	0.025	4.53	
		1	15.0	6.10	0.025	2.29	
	LHS	1	30.0	$\frac{6.6+6.20}{2}$	0.025	4.80	
		1	20.0	$\frac{6.2+6.10}{2}$	0.025	3.07	
	6th cross LHS	1	30.0	7.40	0.025	5.40	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	RHS
	2nd Main Road V. Layout E-West

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
	with bituminous under transporting the hot Mix ydraulic paver finishers mplete as per Specifications.			
30.0	7.0+6.0 / 2	0.025	4.42 cum	
0.0	6.0+6.8 / 2	0.025	4.98	
4.10	6.50	0.025	2.29	
0.0	6.0+6.10 / 2	0.025	4.53	
5.0	6.10	0.025	2.20	
30.0	6.6+6.20 / 2	0.025	4.80	
20.0	6.2+6.10 / 2	0.025	3.07	
30.0	7.40	0.025	5.40	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 188332

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	3.40	7.0	0.025	0.59 cum	
	RLs	1	30.0	6.2+6.3 / 2	0.025	4.68	
		1	24.0	6.30	0.025	3.78	
	2nd Main Road V. layer E-West	1	30.0	8.1+6.80 / 2	0.025	5.58	
		1	30.0	6.80+5.80 / 2	0.025	4.72	
		1	30.0	6.80+5.30 / 2	0.025	4.53	
		1	30.0	6.90+5.80 / 2	0.025	3.45	
		1	30.0	6.9+5.20 / 2	0.025	4.72	

SUREMENT BOOK

Date	Full description, et	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	5.2	0.025	3.90 Cum	
		1	17.30	5.20	0.025	2.24	
	End Road	1	30.0	$\frac{7.40+7.20}{2}$	0.025	5.47	
	a) Cross Road 1st	1	30.0	$\frac{7.0+7.20}{2}$	0.025	5.32	
		1	30.0	$\frac{7.2+6.0}{2}$	0.025	4.95	
		1	5.60	6.0	0.025	0.84	
	b) 2nd Cross Road	1	30.0	6.20	0.025	4.61	
		1	30.0	$\frac{6.3+5.10}{2}$	0.025	4.53	
		1	10.30	5.80	0.025	1.49	
				Totally		97.26 Cum	
	Qty limited to 86.88 Cum						
	@ ₹ 9171.92/Cum					₹ 796123=00	

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work.

Date	Full description, etc, of wo
1	2
	Certificate. Ce

ART Sign

.etc

ENT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	5.2+	0.025	3.90 Cum	
	5.20	0.025	2.24	
	7.40+7.20 / 2	0.025	5.47	
	7.0+7.20 / 2	0.025	5.32	
	7.2+6.0 / 2	0.025	4.95	
	6.0	0.025	0.84	
	6.20	0.025	4.61	
	6.3+5.10 / 2	0.025	4.53	
	5.80	0.025	1.49	
	Totally		97.26 Cum	
Cum				
			B	796123=00

(Rule 116)

ent Book No. A/11

188333

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Total Amount				19,48,540=00	
	Certificate. Certified that the above said work is done satisfactorily and No debris in Wastepot and work is executed in BBMP limit						

29/6/13.

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.